



**Features**

- Gain: 45dB Typ.
- P1dB: 17dBm Typ.
- Customization Available

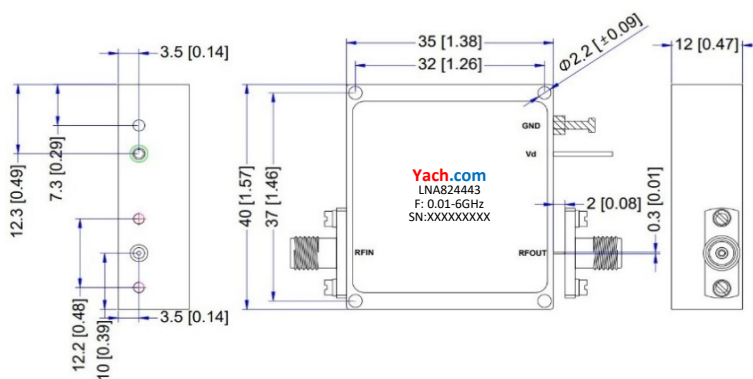
**Applications**

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.01		6	GHz
Gain	42	45		dB
Gain Flatness		±1.5	±2	dB
Input Output VSWR		2.0		/
Output IP3		25		dBm
Noise Figure		4	5	dB
Output Power for 1 dB Compression (P1dB)	15	17		dBm
Output Power (Psat)		18		dBm
Spurious		-60		dBc
Input Max Power(no damage)			-25	dBm
DC Current (Vcc=+12V)		250		mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material		Aluminium		
Weight		50 g		
Package Sealing		General Sealing (Standard)		
Operational Temperature		-45°C~+85°C		
Storage Temperature		-55°C~+125°C		

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm[inches] Tolerance ±0.25[0.01]



Heat Sink required during operation